

Mesosphere
Stratosphere
Thermosphere
Troposphere
Wind

See also related:

Airglow
Atmosphere (environmental)
Atmospheric chemistry
Atmospheric precipitation
Lightning

Atmosphere (environmental)

Effects of the earth's atmosphere on biological systems are indexed here. The atmosphere close to the earth's surface is indexed at *Air*, while higher levels are indexed at *Atmosphere (earth)*.

Protective and inert atmospheres for nonbiological systems are indexed at *Controlled atmospheres*

See also related:

Air
Atmosphere (earth)
Atmospheric aerosols
Food preservation
Food processing
Life support systems
Stress, animal
Stress, plant

Atmospheric aerosols

See also narrower:

Mist
Smoke
Soot

See also related:

Air
Air pollution
Atmosphere (environmental)
Fog
Weather

Atmospheric carbon dioxide

Valid heading during volumes 126-130 (1997-June 1999) only

See

Atmosphere (earth)
carbon dioxide
Carbon dioxide [124-38-9]
atm.

Atmospheric chemistry

Studies relating only to broad aspects of this heading are indexed here. Studies relating to specific aspects, including properties, reactions, substances, phenomena, etc., are indexed at those headings. This heading is reserved for studies too broad or diffuse to be classified more specifically

See also related: *Atmosphere (earth)*

Atmospheric circulation

See *Wind*

Atmospheric corrosion

Valid heading during volumes 126-130 (1997-June 1999) only

See *Corrosion, atm.*

Atmospheric dust

See

Airborne particles
dust
Dust

Atmospheric mist

See *Mist*

Atmospheric ozone

Valid heading during volumes 126-130 (1997-June 1999) only

See

Atmosphere (earth)
ozone
Ozone [10028-15-6]
atm.

Atmospheric precipitation

See also narrower:

Acid precipitation
Dew
Frost
Hail
Rain
Snow
Throughfall

See also related:

Atmosphere (earth)
Meteorology
Waters
Weather

ATM 1T

See *Phenol, polymers, polymer with formaldehyde* [9003-35-4], graphite-filled

Atmul 84

See *9-Octadecenoic acid (9Z)-, esters, ester with 1,2,3-propanetriol* [37220-82-9]

Atmul 122

See *Monoglycerides, C₁₈ and C₁₈-unsatd.*

Atmul 124

See *Octadecanoic acid, esters, ester with 1,2,3-propanetriol* [11099-07-3]

Atmul P 40S

See *Octadecanoic acid, esters, ester with 1,2,3-propanetriol* [11099-07-3]

Atmul T 95

See *Monoglycerides, mixed monoglycerides and diglycerides*

ATN 0

See *21H,23H-Porphine-2,18-dipropanoic acid, 7-[15-carboxy-8,11,14-tris(carboxymethyl)-1-methyl-6-oxo-2,5-dioxo-8,11,14-triazapentadec-1-yl]-12-ethenyl-3,8,13,17-tetramethyl-1134695-66-2]*

ATN 10

See *Manganate(6-), aqua[7-[15-carboxy-8,11,14-tris(carboxymethyl)-1-methyl-6-oxo-2,5-dioxo-8,11,14-triazapentadec-1-yl]-12-ethenyl-3,8,13,17-tetramethyl-21H,23H-porphine-2,18-dipropanoato(7-)-κN²¹,κN²²,κN²³,κN²⁴/hydroxy-, hexahydrogen, (OC-6-*

24)- [134837-80-2]

ATN 12

See *Manganate(8-), aqua[1N,N'-[7-[15-carboxy-8,11,14-tris(carboxymethyl)-1-methyl-6-oxo-2,5-dioxo-8,11,14-triazapentadec-1-yl]-12-ethenyl-3,8,13,17-tetramethyl-21H,23H-porphine-2,18-diyl-κN²¹,κN²²,κN²³,κN²⁴/bis-(1-oxo-3,1-propanediyl)/bis(L-aspartato)(10-)-hydroxy-, octahydrogen, (OC-6-24)- [163167-65-5]*

AT 200N

See *Polyester fibers*

ATO 3030BN1

See *1-Propene, polymers, homopolymer, isotactic* [25085-53-4]

Atochem NF

See *Poly(oxy-1,2-ethanediyl), α-tetradecyl-ω-hydroxy- [27306-79-2]*

Atock

See *Formamide, N-[2-hydroxy-5-[(1R)-1-hydroxy-2-[(1R)-2-(4-methoxyphenyl)-1-methylethyl]amino]ethyl]phenyl]-, rel-, (2E)-2-butenedioate (2:1) (salt) [43229-80-7]*

ATO 1002CN22

See *Ethene, polymers, homopolymer [9002-88-4]*

ATO 1020CN23

See *Ethene, polymers, homopolymer [9002-88-4]*

Atol

See *Detergents, laundry, granular*

ATO 84L

See *2-Propenoic acid, 2-methyl-, esters, methyl ester, polymer with ethenylbenzene [25034-86-0]*

Atolide

See *Benzamide, 2-amino-N-[4-(diethylamino)-2-methylphenyl]- [16231-75-7]*

Atolon NTI 500

See *2-Propanol, compounds, titanium(4+) salt, homopolymer [53339-36-9]*

Atolon T-Ni 33

See *Titanium, bis[2-ethyl-1,3-hexanediolato(2-)-κO,κO']-, (T-4)- [51382-55-9]*

Atomaric acid

See *1-Naphthalenepropanoic acid, decahydro-5-[(2-hydroxy-5-methoxy-3-methylphenyl)methyl]-5,6,8a-trimethyl-2-(1-methylthylidene)-, (1S,4aR,5S,6S,8aR)- [55907-34-1]*

Atom-atom collisions

Valid heading during volumes 126-130 (1997-June 1999) only

See *Atomic collisions, atom-atom*

Atombond BN 38

See *Polysiloxanes, polyurethane-*

Atom-cluster collisions

Valid heading during volumes 126-130 (1997-June 1999) only

See

Atomic collisions
atom-cluster
Cluster collisions
atom-cluster

Atom-electron collisions

See

Atomic collisions
electron-atom
Electron collisions
electron-atom

Atomel 300M200

See *Iron [7439-89-6], powd.*

Atomel 28

See *Iron [7439-89-6]*

Atomic absorption spectrometers

See also related:

Atomic absorption spectrometry

Dissociative atomizers

Atomic absorption spectrometry

See also related:

Atomic absorption spectrometers

Dissociative atomization

Atomic absorption spectroscopy

See *Atomic absorption spectrometry*

Atomic batteries

See *Nuclear batteries*

Atomic beams

See also related:

Atomic collisions
Atoms
Ion beams
Molecular beams
Neutral beam injection

Atomic bombs

See *Nuclear weapons*

Atomic clocks

Atomic collisions

See also related:

Atomic beams
Atomic physics
Atoms
Ionic collisions
Ionization

Reactive scattering

Atomic emission spectrometers

See also related:

Atomic emission spectrometry

Dissociative atomizers

Atomic emission spectrometry

See also narrower: *Plasma atomic emission spectrometry*

See also related:

Atomic emission spectrometers
Dissociative atomization
Glow discharge sources

Atomic energy

See *Nuclear energy*

Atomic fluorescence spectroscopy

See *Atomic fluorimetry*

Atomic fluorimetry

See *Atomic fluorimetry*

Atomic fluorometry

See also narrower: *Laser atomic fluorometry*

Atomic force microscopes

See also related:

Atomic force microscopy
Cantilevers (components)
Electron microscopes
Nanomachines

Scanning force microscopes

Atomic force microscopy

See also related:

Atomic force microscopes
Hamaker constant
Nanomachines
Scanning force microscopes
Surface structure

Atomic form factors

See *Structure factor*

Atomic integral

See also related:

Atomic orbital
Matrix elements (quantum mechanics)
Molecular integral
Oscillator strength

Atomic layer epitaxy

Atomic mass

See also related:

Atoms
Isotopes
Mass spectra
Molecular weight

Atomic medicine

See *Medicine, nuclear*

Atomic nuclei

See also narrower:

Cosmic ray nuclei

Exotic nuclei

See also related:

Nuclear model
Nuclear physics
Nuclear properties
Nuclear reactions
Nuclear scattering
Nuclear science

Atomic number

See also related:

Atoms
Isoelectronic sequence

Atomic orbital

See also narrower:

Gaussian-type orbital
GIAO (gauge invariant atomic orbital)
Slater-type orbital

See also related:

Atomic integral
Basis sets
Electron configuration
Electron hybridization
Energy level
LMO (linear muffin-tin orbital)
Lone-pair electrons
Molecular integral
Molecular orbital

Atomic physics

See also related:

Atomic collisions

Atoms

Atomic power

See *Nuclear power*

Atomic scattering

See *Atomic collisions*

Atomic scattering factor

See *Structure factor*

Atomic spectrometry

See also narrower:

Atomic absorption spectrometry

Atomic emission spectrometry

Atomic fluorimetry

See also related:

Dissociative atomizers
Glow discharge sources

Atomic structure

See

Electron configuration

Electronic structure

Atomic weight

See *Atomic mass*

Atomic weight and mass

See *Atomic mass*

Atom-ion collisions

See

Atomic collisions
ion-atom
Ionic collisions
ion-atom

Atomiron AFP 5

See *Iron [7439-89-6], powd.*

Atomiron AFP 25

See *Iron [7439-89-6], powd.*

Atomiron 5M

See *Iron [7439-89-6], powd.*

Atomiron 44MR

See *Iron [7439-89-6], powd.*

Atomistic simulation

Atomite

See *Carbonic acid calcium salt (1:1) [471-34-1]*

Atomite SSA 2114

See *Carbonic acid calcium salt (1:1) [471-34-1]*

Atomization

See *Atomizing (spraying)*

Atomization, dissociative

See *Dissociative atomization*

Atomization (spraying)

See *Atomizing (spraying)*

Atomization enthalpy

See also related:

Decomposition enthalpy
Dissociation enthalpy
Dissociative atomization

Atomizers

See *Dissociative atomizers*

Atomizers, dissociative

See *Dissociative atomizers*

Atomizers, spraying

See *Spray atomizers*